

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
29 December 2004 (29.12.2004)

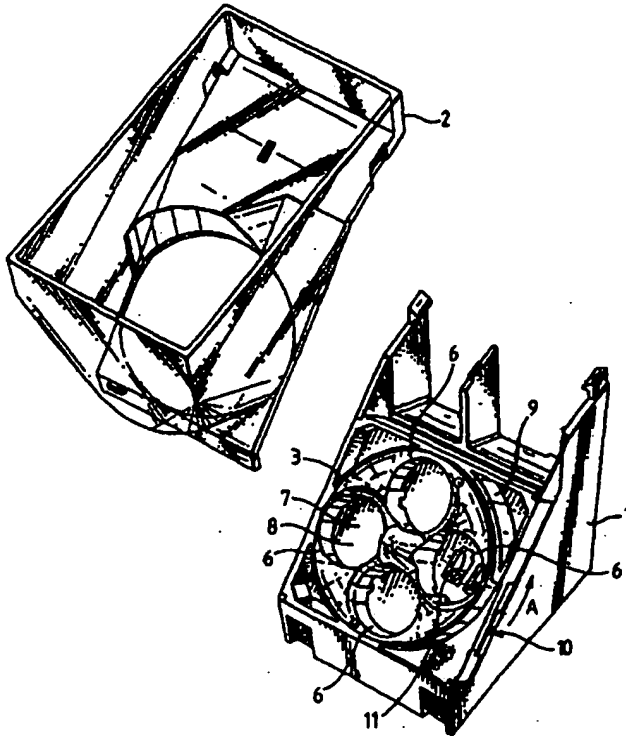
PCT

(10) International Publication Number
WO 2004/114228 A1

- (51) International Patent Classification⁷: G07D 9/00 [GB/GB]; 9 Foxhill Green, Weetwood, Leeds LS16 5PQ (GB).
- (21) International Application Number: PCT/GB2004/002587
- (22) International Filing Date: 17 June 2004 (17.06.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 0314323.7 19 June 2003 (19.06.2003) GB
- (71) Applicant (for all designated States except US): MONEY CONTROLS LIMITED [GB/GB]; Coin House, New Coin Street, Royton, Oldham OL2 6JZ (GB).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): RICHARDSON, Philip, William [GB/GB]; 31 Moorlands Drive, Mossley, Ashton-u-Lyne OL5 9DB (GB); BELL, Malcolm
- (74) Agents: READ, Matthew, Charles et al.; Verner, Shipley & Co., 20 Little Britain, London EC1A 7DH (GB).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,

[Continued on next page]

(54) Title: COIN DISPENSING APPARATUS



(57) Abstract: A coin dispensing apparatus comprises a body member (1) a coin source, a rotary member (3) with a plurality of coin receptacles (6) to receive coins from the coin source, a motor (4) to rotate the rotary member so as to move coins in the receptacles along an annular coin path, a coin outlet (10) disposed to one side of the coin path, and a movable ejector device (11) to eject coins from the receptacles through the coin outlet, the ejector device being positioned so that it is moved to from a coin engaging position to a discharge position by a coin as it moves along the annular path to be ejected through the coin outlet, a spring (15) to drive the ejector device from the discharge position to eject the coin through the outlet and thence to the coin engaging position for a next approaching coin to be ejected, and a counting arrangement (17, 18, 19) within the body member (1) responsive to movement of the ejector device to count coins ejected through the outlet.

WO 2004/114228 A1



ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,
SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:

— *with international search report*